

Ivan Tejeda

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EDUCATION

Illinois Institute of Technology, B.S. in Computer Science

Chicago, IL

- **GPA:** 4.00/4.00
- **Related Coursework:** Data Structures & Algorithms, Objected Oriented Programming, Artificial Intelligence, Database Organization, Natural Language Processing, Software Engineering.

Expected Graduation: December 2024

Morton College, Associate in Science

Cicero, IL

- **GPA:** 4.00/4.00

Graduated: May 2022

EXPERIENCE

USAA

San Antonio, TX

Software Engineer Intern

May 2024 – Aug 2024

- Developing REST APIs in **SpringBoot** using **Java** to facilitate data transfer from user input to cloud service provider.
- Created custom **Java** annotation to validate beans in API request completing 100% coverage in unit testing.
- Assisting the migration of legacy mainframe code to cloud by writing REST APIs to send data to cloud service provider.

Droyd (Startup company)

Chicago, IL

Software Engineer Intern

Feb 2024 – May 2024

- Worked with team of 4 to develop and deploy **Django** and **React** full-stack application from scratch for 100+ users.
- Increased daily average users by 50% by implementing features based on user feedback.
- Created and maintained 25+ **Django** REST API endpoints using **Python** utilized in over 70% of services offered.
- Refactored 15+ **React** components using **JavaScript** to call API endpoints to exchange data with server.

OpenAvenues

Remote

Machine Learning Scientist Intern

Mar 2024 – Apr 2024

- Completed machine learning project for Hypothetic Inc.
- Used **Pytorch3D** to render 3D objects with textures.
- Used ControlNet from HuggingFace to generate images from text prompt and image inputs.
- Implemented an optimization algorithm that utilizes differential rendering to paint 3D objects with AI generated images.

PROJECTS

Workout Log Web Application

- Developed a workout tracking application using **Django** enabling users to perform CRUD operations on their data.
- Employed Django Template Language to automate **HTML** tables, displaying users' workout histories sorted by date.
- Integrated the **Plotly** library to visualize users' progress, featuring interactive graphs tracking weight lifted over time.

HERE Technologies x General Motors Vamos Hackathon 2023

- Won 1st place with team of 4 by creating web application to enhance and promote Electric Vehicle user experience.
- Using **HTML**, **CSS**, and **JavaScript**, implemented 2 user dashboards and an interactive map.
- Leveraged HERE Technologies **APIs** to offer drivers route directions simultaneously displaying gas cost savings.

News Article Classifier

- Developed Naïve Bayes Classifier Model from scratch to classify news article descriptions into appropriate category.
- Preprocessed JSON data holding 200,000+ news articles from Kaggle using **Python**.
- Obtained 66% true positive rate by testing model using last 20% of the data.

SKILLS

Programming Languages: Python, JavaScript, Java, SQL, HTML/CSS

Tools/Frameworks: RESTful APIs, Django, React, SpringBoot, MySQL, Git/Version Control.

LEADERSHIP

External Vice President – Society of Hispanic Professional Engineers

Jan 2024 – May 2024

Professional Development Chair – Society of Hispanic Professional Engineers

May 2023 – Dec 2023

NCAA Div III & NJCAA Div II Student-Athlete (Baseball) – Illinois Tech & Morton College

Aug 2019 – May 2023